

ARC NEWSLETTER

DECEMBER 2018



2019 PRICE INCREASE

The 2019 price increase is ~6% with a few lines being slightly higher; several commonly used lines had a 2% increase. Wherever possible the ARC held prices stable (e.g., animal imports, export fee).

Anticipated prices take effect on Jan 14, 2019.

RAT PNEUMOCYSTIS UPDATE

The *Pneumocystis* rat rederivations are underway and *Pneumocystis*-free rats are available to customers.

Currently DA, SHR and PVG are available in small numbers.

BN and LEW will be available soon and WKY and F344 will follow early in 2019.

During 2019 SD, WI and LE will also be derived.

2019 HOLIDAY DELIVERIES

The ARC will *not* be dispatching animals for delivery the following day as follows:

- January 28, 2019
- March 4, 2019
- April 22, 2019
- April 25, 2019
- June 3, 2019
- September 30, 2019
- Christmas/New Year: TBA

HOLIDAY MESSAGE

The ARC staff wishes our customers an enjoyable and safe holiday season as well as a fun and relaxing summer.

It was a sincere pleasure meeting so many of our customers at the annual ANZLAA meetings (Sydney and Christchurch). Additionally, it was great to meet customers at various regional meetings in Perth, Singapore (SALAS), Malaysia (LASAM), Philippines (PALAS), Indonesia (IALAS) and India (AFLAS). These meetings provide ARC staff with the valuable opportunity to connect with both existing and new customers towards finding new and different ways to better serve you and your institution's unique needs. Furthermore, it is nice to know that the ARC continues to serve as a trusted source of animals, technical and facility expertise within Australia and beyond.

This year's improvements included:

- Rederiving the ARC rat lines
- Expansion of the online ordering system
- Aged C57BL/6JArc mice and select other mouse strains
- Developing a sentinel & environmental monitoring booklet (available early 2019)
- Progress of reanimating ARC strains
- IVC allocation for immunocompromised custom colonies

WEATHER UPDATE

The Animal Resources Centre performs a daily weather assessment at Perth and the other airports to determine if ground temperatures could seriously risk animal welfare. If at 9:00 AM Perth time, the predicted 9:00 PM Perth Airport temperature is greater than or equal to 29 °C, then interstate shipments will be dispatched the next suitable day. Likewise, if the predicted temperature at 9:00 AM at the destination or connecting airport is greater than or equal to 29 °C, then shipments will be postponed to a given airport or destination until the next suitable day.

Customers with high temperature concerns at their institution can request a delivery delay on the day of dispatch if the ARC is informed before 9.00 a.m. AWST. Kindly note that the ARC uses <http://weather.com> and <http://www.bom.gov.au/> to check weather forecasts.

DELIVERY REMINDER

There will be no deliveries December 21, 2018 through to January 2, 2019. Regular deliveries will resume January 3, 2019. Except for public holidays, ARC office staff will be available to take your orders during business hours. If you reach voice mail during the holiday period, please leave a message and an ARC customer representative will return your call.

FREE MOUSE SHIPPERS

Customers ordering 80 or more mice of the same strain, age range, weight range, and sex, to the same delivery point will receive free transport shippers. Conditions apply, please contact the ARC for more details

ONLINE ORDERING

The ARC has an online ordering system;

Advantages include:

- Increased order accuracy
- Order anytime
- Specials and Discounts

Please contact [Mr. Jason Vanderlande](mailto:Mr.Jason.Vanderlande@arc.wa.gov.au) for more details.

You can always contact the ARC with a question, concern, or to clarify a matter surrounding an order.

BIOSPECIMEN AND SURGICAL SERVICES

The ARC can provide researchers with various samples collected from animals on site including rat or mouse organs, or tissues (including bone, serum and plasma).

Animals that have undergone select surgical procedures are also available for purchase as requested, including but not limited to, Vasectomy, Ovariectomy, Splenectomy, and Castration.

Please contact ARC if there is a surgery you would like a procedure performed that is not listed and we can provide more details.

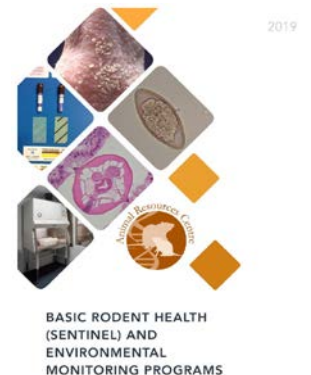
NRG MICE

The ARC will receive a NOD.Cg-Rag1^{tm1Mom} Il2rg^{tm1Wjl}/SzJ (007799) Pedigree colony from JAX early in 2019. In the meantime, NRG mice may be available for sale once an MTA has been obtained. Please contact ARC Info: arcwa@arc.wa.gov.au for further details.



SENTINEL AND ENVIRONMENTAL MONITORING BOOKLET

The ARC receives numerous questions and requests regarding sentinel (animal health) monitoring. Resulting from these requests, the ARC is developing a booklet highlighting and explaining contemporary aspects of sentinel (health) and environmental monitoring, including many relevant aspects of the housing and husbandry of rats and mice. The booklet will be available in early 2019. If you're interested in receiving a copy, please contact ARC Info: arcwa@arc.wa.gov.au



AGED MICE AND RATS

The ARC continues to receive multiple requests for aged mice and rats. We have accommodated customers by reserving stock or using ex-breeders and raising them to the required age where possible.

The ARC established a modest colony of aged C57BL/6J Arc mice and maintains select other aged mouse lines for customers. When requesting aged mice or rats, please provide the strain, number, age and the approximate animal delivery date.

CUSTOM COLONY MAINTENANCE

The ARC is able to coordinate importation and Australian Quarantine clearance of custom colonies to be dispatched to the customer or maintained at the ARC. The ARC maintains multiple customer rat and mouse colonies for a variety of research groups.

Customers using this service provide direction on the requirements for their colony via email, phone or meetings with the Animal Technicians. Access to view animal breeding records and stock availability is made to customers on approval by a Custom Strains representative. ARC staff assist with the data collection, collecting tail/blood samples for genotyping and can assist with arranging a third party to conduct the genotyping where required.

This service can be combined with rederivation and/or cryopreservation of embryos or sperm as required.